Title (en)
AUTHENTICATION METHOD AND DEVICE, AND RELATED PRODUCTS

Title (de)
AUTHENTIFIZIERUNGSVERFAHREN UND -VORRICHTUNG SOWIE ZUGEHÖRIGE PRODUKTE

Title (fr)
PROCÉDÉ ET DISPOSITIF D'AUTHENTIFICATION, ET PRODUITS APPARENTÉS

Publication
EP 4245046 A1 20230920 (EN)

Application
EP 20964047 A 20201204

Priority
CN 2020134068 W 20201204

Abstract (en)
[origin: WO2022116202A1] Provided are an authentication method and a device, and related products, the method includes: the first authentication device obtains first signal feature information by sampling a first wireless signal sent by a second authentication device, receives second signal feature information from the second authentication device, and determines whether the authentication is successful according to the first signal feature information and the second signal feature information, due to reciprocity property of the wireless channel, if the first signal feature information and the second signal feature information show high correlation, then the authentication is successful.

IPC 8 full level
H04W 4/80 (2018.01); **G06F 21/44** (2013.01)

CPC (source: CN EP US)
B60R 25/24 (2013.01 - EP); **G06F 21/44** (2013.01 - CN EP); **G06F 21/45** (2013.01 - CN); **G06F 21/602** (2013.01 - CN);
G06F 21/64 (2013.01 - CN); **G07C 9/00309** (2013.01 - EP); **H04L 9/3242** (2013.01 - EP); **H04L 9/3247** (2013.01 - EP);
H04L 9/3273 (2013.01 - EP); **H04L 63/0869** (2013.01 - EP); **H04W 12/033** (2021.01 - US); **H04W 12/062** (2021.01 - US);
H04W 12/069 (2021.01 - EP); **H04W 12/121** (2021.01 - EP); **B60R 25/245** (2013.01 - EP); **G06F 2221/2111** (2013.01 - EP);
G07C 2009/00555 (2013.01 - EP); G07C 2209/63 (2013.01 - EP); H04L 2209/805 (2013.01 - EP); H04L 2209/84 (2013.01 - EP);
H04W 12/79 (2021.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022116202 A1 20220609; CN 112868006 A 20210528; CN 112868006 B 20220408; EP 4245046 A1 20230920; EP 4245046 A4 20240103;
US 2023328523 A1 20231012

DOCDB simple family (application)
CN 2020134068 W 20201204; CN 202080005639 A 20201204; EP 20964047 A 20201204; US 202318328313 A 20230602